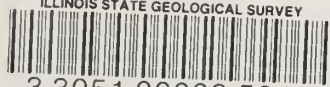



ILLINOIS STATE GEOLOGICAL SURVEY



3 3051 00003 5240



Digitized by the Internet Archive
in 2012 with funding from
University of Illinois Urbana-Champaign

STATE OF ILLINOIS
DWIGHT H. GREEN, *Governor*
DEPARTMENT OF REGISTRATION AND EDUCATION
FRANK G. THOMPSON, *Director*

DIVISION OF THE
STATE GEOLOGICAL SURVEY
M. M. LEIGHTON, *Chief*
URBANA

CIRCULAR 86

BIBLIOGRAPHIC INDEX OF NEW GENERA AND
FAMILIES OF PALEOZOIC OSTRACODA
SINCE 1934

BY
ALLEN F. AGNEW

REPRINTED FROM THE JOURNAL OF PALEONTOLOGY,
VOL. 16, No. 6, NOVEMBER, 1942



PRINTED BY AUTHORITY OF THE STATE OF ILLINOIS

URBANA, ILLINOIS

1942

BIBLIOGRAPHIC INDEX OF NEW GENERA AND FAMILIES OF PALEOZOIC OSTRACODA SINCE 1934¹

ALLEN F. AGNEW

Illinois State Geological Survey, Urbana

SINCE publication of the "Bibliographic Index of Paleozoic Ostracoda" by R. S. Bassler and Betty Kellett, as Geological Society of America Special Paper 1, at least 167 new generic names and 12 new family names of Paleozoic ostracodes have been proposed by authors whose bibliography comprises a list of at least 91 works. This is an indication of the great current interest in Paleozoic ostracodes because Bassler and Kellett list less than 200 generic names and only 18 family names in their 1934 bibliography.

In the alphabetically arranged list of families herein published, each family name is followed by the name of its author, with the year and page number of the reference in which his description of the family is found. An asterisk (*) preceding the family name indicates doubt as to the assignment of that family to the Ostracoda. The classification of families as proposed by Swartz (1936, pp. 543-557) is followed in this paper.

In the alphabetically arranged list of genera, those names which are included in the synonymy of other genera are printed in italics. As in the list of families an asterisk (*) preceding a generic name indicates that the genus is possibly not an ostracode. The name following the generic name is that of the author, with the year and page number of the reference in which his description of the genus is found. Following that is the specific name of the genotype and the age of the strata from which the genus was originally described. Last is the family designation. Where only one family name is given, it is that of the original author; where two family names are used, the first is my designation, and the original author's follows, enclosed in parenthesis. With the exception of *Whiplella* Holland, which is a fresh water genus, all of these genera are believed to be marine. The few new subgeneric names are indicated as such in the usual manner.

The references are listed alphabetically according to author, and chronologically according to year under that author.

Foreign literature as well as American was examined for the material presented in this paper, but it is probable that omissions have been made, especially of articles from the more obscure publications issued in the latter part of 1941. Only a few references published in 1942 have been included.

During the preparation of this work, five homonyms were discovered. These are:

Basslerella Bouček, 1936 (not Kellett)

Biflabellum Öpik, 1937 (not Doederlein)

Cornulina Coryell and Williamson, 1936 (not Conrad)

Denisonia Croneis and Bristol, 1939 (not Krefft)

Eustephanus Swartz and Swain, 1941 (not Reichenbach)

Platychilus Cooper, 1941 (not Jakolev)

Substitute names have been proposed by the original authors except for Bouček and Öpik, who could not be reached because of the interruption of communications caused by the war.

In the collection of these data, much aid was derived from the card index of ostracodes compiled by me for C. L. Cooper of the Illinois Geological Survey, under whose direction these lists have been prepared. To him, and to J. M. Weller, and W. H. Easton, also of the Illinois Survey, for pertinent comments, grateful thanks are expressed.

FAMILIES

Acronotellidae Swartz, 1936, p. 554

Aechminidae Swartz, 1936, p. 553.

***Alanellidae** Bouček, 1936, p. 71

This family, erected for the genus *Alanella* Bouček, which may not be an ostracode, is questionably included in this list. The new family Bolbozoidae, described by Bouček on page 60 of the same publication, is not included here because its genera are known not to be ostracodes.

Aparchitidae (Jones), 1901, p. 147.

Jones (1901, in Chapman, Ann. Mag. Nat. Hist., ser. 7, vol. 7, p. 147) assigned this group subfamily rank under the Leperditidae. Ulrich and Bassler (1923, Maryland Geol. Survey, Silurian vol., p. 296) raised it to family rank.

¹ Published with permission of the Chief of the Illinois State Geological Survey.

Bassler and Kellett (1934, Bibliographic Index of Paleozoic Ostracoda, Geol. Soc. America Spec. Paper 1, p. 14) included it in the Leperditellidae. Kay (1934, p. 331) restored it to family rank, and later (1940a, p. 241) reasigned part of the Aparchitidae of Ulrich and Bassler in the family Leperditellidae.

Drepanellidae Swartz, 1936, p. 552

Graphiadactylidae Kellett, 1936, p. 773

Hollinidae Swartz, 1936, p. 551

Piretellidae Öpik, 1937, p. 110

Primitiopsidae Swartz, 1936, p. 555

Quasillitidae Coryell and Malkin, 1936, p. 18.

Coryell and Malkin, in November, 1936, included in this family the genera *Janetina*, *Jenningsina* and *Quasillites* all newly proposed by them, and *Graphiadactyllis* Roth, the latter having been previously assigned to the Kirkbyidae. In December, 1936, Kellett described the new family Graphiadactylidae (see Moore, Weller and Knight, 1942), listing under it only the genus *Graphiadactyllis* Roth. The family diagnosis and discussion by Kellett applies equally well to the genera of Coryell and Malkin, and is very clear and complete. For this reason, and because priority is "not generally regarded in the disposition of family names,"² the family name Graphiadactylidae Kellett is here adopted.

Ropolonellidae Coryell and Malkin, 1936, p. 6

Tetradellidae Swartz, 1936, p. 551

Kay (1940a, p. 240) proposed a classification in which some of the above families were reduced to the rank of subfamilies, part of this classification having been already used by Bouček (1936). It is as follows:

Beyrichiidae

Beyrichiinae (Ulrich)

Piretelliinae (Öpik)

Tetradelliinae (Swartz)

Primitiidae

Aechmininae Bouček, 1936, p. 53

Bolliinae Bouček, 1936, p. 40

Dilobellinae Kay, 1940a, p. 240

GENERA

Aechminaria Coryell and Williamson, 1936, p. 5
—*A. nodosa* Coryell and Williamson. Niagaran. Aechminidae (Primitiidae).

***Alanella** Bouček, 1936, p. 71—*A. bohemia* Bouček. Silurian. Alanellidae.

Anisochilina Teichert, 1937b, p. 106—*A. punctulifera* Teichert. Middle Ordovician. Leperditidae.

Antiparaparchites Coryell and Rogatz, 1932, p. 328—*A. reversus* Coryell and Rogatz=*Paraparchites* Ulrich and Bassler, by Kellett, 1936, p. 770.

Ardmorea Bradfield, 1935, p. 139—*A. symmetrica* Bradfield. Pennsylvanian. ?Leperditellidae.

² Schenck, E. T. and McMasters, J. H., 1936, Procedure in Taxonomy, p. 5.

Bairdiacypris Bradfield, 1935, p. 93—*B. del* Bradfield. Pennsylvanian. Bairdiidae.

Bairdiacypris Bradfield should not to be confused with *Bairdiocypris* Kegel, 1931, which was proposed as a subgenus of *Bythocypris* Brady, and which Bassler and Kellett (1934) included in the synonymy of that genus. Although the spellings of these names differ by only a single letter, they are not homonyms. (Article 36, International Rules of Zoological Nomenclature).

Bairdiolites Croneis and Gale, 1938, p. 288—*B. crescentis* Croneis and Gale. Chester. Bairdiidae.

Bairdites Coryell and Malkin, 1936, p. 9—*B. deltasulcata* Coryell and Malkin. Hamilton. Bairdiidae.

Balantoides Morey, 1935b, p. 479—*B. quadrilobus* Morey. Amsden. Beyrichiidae (Kirkbyidae).

Balticella Thorslund, 1940, p. 179—*B. oblonga* Thorslund. Trenton. ?Beyrichiidae (Kloedenellidae).

Bassleratia Kay, 1934, p. 341—*B. typa* Kay. Mohawkian. Tetradellidae (Beyrichiidae).

Basslerella Kellett, 1935, p. 155—*B. crassa* Kellett. Upper Pennsylvanian—Lower Permian. Cytheridae.

Basslerella Bouček, 1936, p. 60 (not Kellett) = *Boucía* Agnew.

Basslerella Bouček, 1936, is a junior homonym of *Basslerella* Kellett, 1935, and a new name, *Boucía*, is here proposed to replace it. *Basslerites* Teichert, 1937b, p. 116 (not Howe) = *Rayella* Teichert, by Teichert, 1939, p. 622.

Bellornatia Kay, 1934, p. 342—*B. tricornis* Kay. Ordovician. Tetradellidae (Beyrichiidae).

***Berounella** Bouček, 1936, p. 65—*B. rostrata* Bouček. Silurian. ?Beecherellidae.

Bicornella Coryell and Cuskley, 1934, p. 3—*B. tricornis* Coryell and Cuskley. Haragan. Primitiidae.

Biflabellum Öpik, 1937, p. 102 (not Doederlein) = *Öpikium* Agnew.

Biflabellum Öpik, 1937 is a junior homonym of *Biflabellum* Doederlein, 1913, and a new name. *Öpikium*, is here proposed to replace it, because it is not possible to correspond with the author.

Binodella Bradfield, 1935, p. 140—*B. binoda* Bradfield. Pennsylvanian. Kirkbyidae.

Bolbiprimitia Kay, 1940a, pp. 234, 240—*Halliella fissurella* Ulrich and Bassler. Decorah. Primitiidae.

***Boucía** Agnew, new name for *Basslerella* Bouček (not Kellett)—*Basslerella ornatissima* Bouček. Silurian. ?Entomidae.

Boursella Turner, 1939, p. 13—*B. trilobita* Turner. Middle Devonian. Beyrichiidae.

***Budnianella** Bouček, 1936, p. 69—*B. caroli* Bouček. Silurian. *Incertae sedis* (Kirkbyidae).

Bufina Coryell and Malkin, 1936, p. 8—*B. elata* Coryell and Malkin. Hamilton. Ropolonellidae.

Carboprimitia Croneis and Funkhouser, 1938, p. 337—*C. depressa* Croneis and Funkhouser. Chester. Primitiidae.

Cavellinella Bradfield, 1935, p. 136—*C. casei* Bradfield. Pennsylvanian. Cytherellidae.

- Ceratopleurina* Coryell and Johnson, 1939, p. 221—*C. mimiri* Coryell and Johnson = *Glyptopleura* Girty, by Cooper, 1941, p. 42.
- Chesterella** Croneis and Gutke, 1939, p. 45—*C. fissurata* Croneis and Gutke. Chester. Kloedenellidae.
- Coelonella** Stewart, 1936, p. 743—*Isochilina?* *scapha* Stewart. Middle Devonian. ?Leperditellidae.
- Conchoprimitia** Öpik, 1935a, p. 4—*C. gammae* Öpik. Ordovician. Primitiidae.
- The genotype of *Conchoprimitia* Öpik, 1935 (not 1937 as stated by Kay, 1940a, p. 248) is *C. gammae* Öpik (not *C. tallinnensis* Öpik, as designated by Kay, 1940a, p. 248).
- Cooperatia** Tolmachoff, 1937, p. 78, new name for *Cooperia* Tolmachoff (not Ransom)—*Cooperia granum* Tolmachoff. Ordovician. ?Beecherellidae.
- Cooperia* Tolmachoff, 1926, p. 35 (not Ransom) = *Cooperatia* Tolmachoff, by Tolmachoff, 1937, p. 78.
- Cornulina* Coryell and Williamson, 1936, p. 2 (not Conrad) = *Waldronites* Coryell and Williamson, by Coryell and Williamson, 1942.³
- Coryellina** Bradfield, 1935, p. 35—*C. capax* Bradfield. Pennsylvanian. Primitiidae.
- Coryellina* Kellett, 1935, p. 138 (not Bradfield) = *Coryellites* Kellett, by Kellett, 1936, p. 775.
- Coryellites** Kellett, 1936, p. 775, new name for *Coryellina* Kellett (not Bradfield)—*Coryellina firma* Kellett. Upper Pennsylvanian. Bairdiidae.
- Cribroconcha** Cooper, 1941, p. 29—*C. costata* Cooper. Chester. Bairdiidae.
- Ctenoloculina** Bassler, 1941, p. 22—*Tetradella cicatricosa* Warthin. Hamilton. Tetradellidae.
- Ctenonotella** Öpik, 1937, p. 101—*C. elongata* Öpik. Ordovician. Tetradellidae (Beyrichiidae).
- Cyrtocypris** Coryell and Williamson, 1936, p. 7—*C. subovata* Coryell and Williamson. Niagaran. Bairdiidae.
- Daleiella** Bouček, 1937, p. 7—*Cythere corbuloides* Jones and Holl. Silurian. *Incertae Sedis* (Bairdiidae).
- Deloia** Croneis and Thurman, 1938, p. 307—*D. serrata* Croneis and Thurman. Chester. Kloedenellidae.
- Denisonella** Croneis and Bristol, 1942, p. 777, new name for *Denisonia* Croneis and Bristol (not Kreff) = *Denisonia cincta* Croneis and Bristol. Chester. Kloedenellidae.
- Denisonia* Croneis and Bristol, 1939, p. 76 (not Kreff) = *Denisonella* Croneis and Bristol, by Croneis and Bristol, 1942, p. 777.
- Dihogmochilina** Teichert, 1937b, p. 153—*Isochilina latimarginata* Jones. Niagaran. Leperditidae.
- Discoidella** Croneis and Gale, 1938, p. 276—*D. simplex* Croneis and Gale. Chester. Kirkbyidae.
- Ectodemitites** Cooper, 1941, p. 49—*E. primus* Cooper. Chester. Kirkbyidae.
- Ectoprimitia** Bouček, 1936, p. 45, subgenus of *Haploprimitia*—*Haploprimitia* (*Ectoprimitia*) *corrugata krausei* Bouček. Silurian. Primitiidae.
- Eucraterellina** Wilson, 1935, p. 640—*E. randolphi* Wilson. Lower Devonian. Thlipsuridae.
- Eustephanella** Swartz and Swain, 1942, p. 674, new name for *Eustephanus* Swartz and Swain (not Reichenbach)—*Eustephanus catastephanes* Swartz and Swain. Onondaga. Thlipsuridae.
- Eustephanus* Swartz and Swain (not Reichenbach) = *Eustephanella* Swartz and Swain, by Swartz, 1942.
- Favulella** Swartz and Swain, 1941, p. 438—*Bythocypris favulosa* Jones. Onondaga. ?Thlipsuridae.
- Geffenina** Coryell and Sohn, 1938, p. 600—*G. marmerae* Coryell and Sohn. Mauch Chunk. Kloedenellidae.
- Geffenites** Coryell and Sohn, 1938, p. 601—*G. jungae* Coryell and Sohn. Mauch Chunk. Kloedenellidae.
- Geisina** Johnson, 1936, p. 21—*Beyrichiella gregaria* Ulrich and Bassler. Upper Pennsylvanian. Kloedenellidae.
- Gillina** Coryell and Johnson, 1939, p. 217—*G. viharri* Coryell and Johnson. Chester. Kloedenellidae (Kirkbyidae).
- Girtyites* Coryell and Booth, 1933, p. 261 (not Wedekind) (= *Kegelites* Coryell and Booth) = *Amphissites* Girty, by Johnson, 1936, p. 29, and Kellett, 1936, p. 772.
- Glyptopleurites* Coryell and Johnson, 1939, p. 219—*G. tyri* Coryell and Johnson = *Glyptopleura* Girty, by Cooper, 1941, p. 42.
- Glyptopleuroides** Croneis and Gale, 1938, p. 283—*G. insculptus* Croneis and Gale. Chester. Glyptopleuridae.
- Golcondella** Croneis and Gale, 1938, p. 262—*G. sulcata* Croneis and Gale. Chester. Drepanellidae.
- Hallatia** Kay, 1934, p. 335—*H. healeyensis* Kay. Mohawkian. Primitiidae.
- Hamiltonella** Stewart, 1936, p. 756—*Leperditia punctulifera* Hall. Middle Devonian. Cytherellidae (Bairdiidae).
- Hardinia** Coryell and Rozanski, 1942, p. 146—*H. concava* Coryell and Rozanski. Glen Dean. ?Youngiellidae.
- Harltonella** Bradfield, 1935, p. 118—*H. ardmorensis* Bradfield. Pennsylvanian. Bairdiidae.
- Hastacypris** Croneis and Gutke, 1939, p. 60—*H. bradyi* Croneis and Gutke. Chester. Bairdiidae.
- Haworthina** Kellett, 1935, p. 161—*Bairdia bulleta* Harris and Lalicker. Permian. Bairdiidae (?Cypridae).
- Healdiacypis** Bradfield, 1935, p. 103—*H. perplexa* Bradfield. Pennsylvanian. Bairdiidae.
- Healdioides** Coryell and Rozanski, 1942, p. 148—*H. diversus* Coryell and Rozanski. Glen Dean. Bairdiidae. (Healdiidae).
- Hesperidella** Öpik, 1937, p. 113—*Primitia estonica* Bonnema. Ordovician. Pireteliidae.
- Heterochilina** Poulsen, 1937, p. 60—*H. obliqua* Poulsen. Lower Ordovician. Leperditidae.
- Hogmochilina** Solle, 1935, p. 20, subgenus of *Isochilina*—*Isochilina* (*Hogmochilina*) *elliptica* Solle. Devonian. Leperditidae.

³ Personal communication.

- Holtedahlna* Solle, 1935, p. 46 (not Foerste) = *Holtedahlnites* Solle, 1936, p. 282.
- Holtedahlnites** Solle, 1936, p. 282, new name for *Holtedahlna* Solle (not Foerste)—*Holtedahlna teres* Solle. Devonian. Leperditidae.
- Hypotetragona** Morey, 1935a, p. 326—*H. imposita* Morey. Bushberg. Primitiidae (Cytherellidae).
- Idiomorpha* Croneis and Gale, 1938, p. 284 (not Förster) = *Idiomorphina* Croneis and Gale, by Croneis, 1939, p. 28.
- Idiomorphina* Croneis and Gale, in Croneis, 1939, p. 28, new name for *Idiomorpha* Croneis and Gale, 1938, p. 284—*Idiomorpha insignis* Croneis and Gale = *Glyptopleura* Girty, by Cooper, 1941, p. 42.
- Incisurella** Cooper, 1941, p. 32—I. *prima* Cooper. Chester. Bairdiidae.
- Janetina** Coryell and Malkin, 1936, p. 19—*J. harrietensis* Coryell and Malkin. Graphiadactylidae (Quasillitidae).
- Jenningsina** Coryell and Malkin, 1936, p. 19—*Graphiodactylus catenulatus* Van Pelt. Hamilton. Graphiadactylidae (Quasillitidae).
- Karlsteinella** Bouček, 1936, p. 67—*K. reticulata* Bouček. Silurian. Beyrichiidae.
- Kegelites* Coryell and Booth, 1933, 2nd page of table of contents of Amer. Midland Nat., vol. 14, new name for *Girtyites* Coryell and Booth, p. 261 of the same volume—*Girtyites spinosus* Coryell and Booth = *Amphissites* Girty, by Kellett, 1936, p. 772.
- Kellettina** Swartz, 1936, p. 585—*Ulrichia robusta* Kellett. Lower Devonian. Kirkbyidae.
- Kirkbyites** Johnson, 1936, p. 35—*K. upsoni* Johnson. Upper Pennsylvanian. Kirkbyidae.
- Kloedenellina** Coryell and Johnson, 1939, p. 216—*K. heimdalli* Coryell and Johnson. Chester. Kloedenellidae.
- *Laddella** Spivey, 1939, p. 175—*L. insueta* Spivey. Maquoketa. *Incertae Sedis*.
- Lamarella* Croneis and Funkhouser, 1938, p. 336—*L. thurmani* Croneis and Funkhouser = *Sansabella* Roundy, by Cooper, 1941, p. 60.
- Leightonella* Croneis and Gale, 1938, p. 263—*L. torta* Croneis and Gale = *Deloia* Croneis and Thurman, by Cooper, 1941, p. 54.
- Lindsayella** Coryell and Williamson, 1936, p. 1—*L. rugosa* Coryell and Williamson. Niagaran. Primitiidae.
- Lochriella** Scott, 1942, p. 155—*L. otterensis* Scott. Chester. Kloedenellidae. The name *Lochriella* was first published by Cooper (1940, p. 57) without designation of genotype and referred to Scott (Art. 25c 3, Int. Rules).
- Lokiis* Coryell and Johnson, 1939, p. 216—*L. signyae* Coryell and Johnson = *Perprimitia* Croneis and Gale, by Cooper, 1941, p. 58.
- Lucasella** Stewart, 1936, p. 761—*L. mundula* Stewart. Middle Devonian. Cytherellidae (Bairdiidae).
- Macrocyproides** Spivey, 1939, p. 174—*M. clermontensis* Spivey. Maquoketa. Bairdiidae.
- Mammilloides* Bradfield, 1935, p. 36—*M. mammillata* Bradfield = *Aechminella* Harlton, by Kellett, 1936, p. 771.
- Maratia** Kay, 1940a, p. 258—*M. mara* Kay. Decorah. Primitiidae.
- Menoeidina** Stewart, 1936, p. 762—*M. subreniformis* Stewart. Middle Devonian. Cytherellidae.
- Mesoglypha** Cooper, 1941, p. 44—*M. mediocre* Cooper. Chester. Glyptopleuridae.
- Microcoelonella** Coryell and Sohn, 1938, p. 597—*M. scanta* Coryell and Sohn. Mauch Chunk. ?Leperditellidae.
- Microparaparchites** Croneis and Gale, 1939, p. 69—*M. spinosus* Croneis and Gale. Chester. Leperditellidae.
- Milleratia** Swartz, 1936, p. 567—*Beyrichia cinnatiensis* Miller. Ordovician. Primitiidae.
- Mirochilina** Bouček, 1936, p. 51—*M. jarovensis* Bouček. Silurian. Primitiidae.
- Monoceratella** Teichert, 1937b, p. 114—*M. teres* Teichert. Middle Ordovician. Acronotellidae.
- Neoparchites** Bouček, 1936, p. 39; Teichert, 1937a, p. 45—*Primitia obsoleta* Jones and Holl. Ordovician. Leperditellidae (Aparchitidae). This group, described as a subgenus by Bouček, was raised to generic rank by Teichert.
- Neokloedenella** Croneis and Funkhouser, 1938, p. 341—*N. prima* Croneis and Funkhouser. Chester. Kloedenellidae.
- Novakina** Bouček, 1936, p. 56—*N. applanans* Bouček. Silurian. Primitiidae.
- Nuferella** Bradfield, 1935, p. 45—*N. infrequens* Bradfield. Pennsylvanian. Kloedenellidae.
- Octonariella** Bassler, 1941, p. 21—*O. typica* Bassler. Onondaga. Thlipsuridae.
- Opikatia** Kay, 1940a, p. 264—*O. emaciata* Kay. Decorah. Beyrichiidae.
- Öpikella** Thorslund, 1940, p. 181—*Ö. tvaerensis* Thorslund. Trenton. ?Leperditellidae (Kirkbyidae).
- Öpikium** Agnew, new name for *Biflabellum* Öpik (not Doederlein)—*Biflabellum tenerum* Öpik. Ordovician. Beyrichiidae.
- Paenaequina** Solle, 1935, p. 44—*P. pentagonalis* Solle. Devonian. Leperditidae.
- Parabolbina** Swartz, 1936, p. 570—*Ctenobolbina granosa* Ulrich. Lower Devonian. Hollinidae.
- Paracavellina** Cooper, 1941, p. 37—*P. elliptica* Cooper. Chester. Cytherellidae.
- Paragraphylus** Coryell and Rozanski, 1942, p. 144—*P. reticulatus* Coryell and Rozanski. Chester. ?Youngiellidae (Quasillitidae).
- Parahealdia** Coryell and Cuskley, 1934, p. 3—*P. pecorella* Coryell and Cuskley. Haragan. Primitiidae.
- Paraschmidtella** Swartz, 1936, p. 563—*P. dorso-punctata* Swartz. Lower Devonian. Aparchitidae (Leperditellidae).
- Parenthatia** Kay, 1940a, p. 259—*Moorea punctata* Ulrich. Decorah. Primitiidae.
- Perprimitia** Croneis and Gale, 1938, p. 257—*P. robusta* Croneis and Gale. Chester. Primitiidae.
- Persansabella* Coryell and Sohn, 1938, p. 598—*P. bradfieldi* Coryell and Sohn = *Sansabella* Roundy by Cooper, 1941, p. 59.
- Piretella** Öpik, 1937, p. 111—*P. acmaea* Öpik. Ordovician. Piretellidae.

- Placentella* Wilson, 1935, p. 636—*P. delicata* Wilson. Lower Devonian. Primitiidae.
- Plagionephrodes* Morey, 1935, p. 318—*P. uninodosus* Morey. Bushberg. Thlipsuridae.
- Platychilella* Cooper, 1942, p. 777, new name for *Platychilus* Cooper (not Jakolev)—*Platychilus ovoides* Cooper. Chester. Beyrichiidae.
- Platychilus* Cooper, 1941, p. 38 (not Jakolev) = *Platychilella* Cooper, by Cooper, 1942, p. 777.
- Polyceratella* Öpik, 1937, p. 101—*Ulrichia kukersiana* Bonnema. Ordovician. ?Beyrichiidae.
- Polytylites* Cooper, 1941, p. 51—*P. geniculatus* Cooper. Chester. Kirkbyidae.
- Ponderodictya* Coryell and Malkin, 1936, p. 15—*P. bispinulata* Coryell and Malkin. Hamilton. Cytherellidae.
- Proparaparchites* Cooper, 1941, p. 62—*P. ovatus* Cooper. Chester. Leperditellidae.
- Pseudostrepula* Öpik, 1937, p. 116—*Strepula kukersiana* Bonnema. Ordovician. Piretelliidae.
- Pterocodella* Croneis and Gale, 1938, p. 260—*P. mirabilis* Croneis and Gale = *Tetrasacculus* Stewart, by Cooper, 1941, p. 63.
- Pullvillites* Öpik, 1937, p. 119—*P. triangulum* Öpik. Ordovician. ?Acronotellidae.
- Punctaparchites* Kay, 1934, p. 331—*Cytheropsis rugosus* Jones = *Macronotella* Ulrich, by Kay, 1940a, p. 245.
- Pyxiprimitia* Swartz, 1936, p. 568—*P. ventriclefta* Swartz. Lower Devonian. Primitiidae.
- Quasillites* Coryell and Malkin, 1936, p. 18—*Q. obliquus* Coryell and Malkin. Hamilton. Graphiadactyllidae (Quasillitidae).
- Rakverella* Öpik, 1937, p. 109—*R. spinosa* Öpik. Ordovician. Piretelliidae (Beyrichiidae).
- Ranapeltis* Bassler, 1941, p. 26—*R. typicalis* Bassler. Onondaga. Thlipsuridae.
- Rayella* Teichert, 1939, p. 622, new name for *Basslerites* Teichert, (not Kellett)—*Basslerites hansenii* Teichert. Decorah. Beecherellidae.
- Raymondatia* Kay, 1934, p. 342—*R. goniglypta* Kay. Mohawkian. Tetradellidae (Beyrichiidae).
- Reversabella* Coryell and Johnson, 1939, p. 221—*R. njorthi* Coryell and Johnson = *Sansabella* Roundy, by Cooper, 1941, pp. 57, 60.
- Richina* Coryell and Malkin, 1936, p. 3—*R. truncata* Coryell and Malkin. Hamilton. Tetradellidae (Beyrichiidae).
- Rigidella* Öpik, 1937, p. 117—*Steusloffia mitis* Öpik. Ordovician. Piretelliidae.
- Rothella* Wilson, 1935, p. 643—*Dizygopleura recta* Roth. Lower Devonian. Thlipsuridae.
- Roundyella* Bradfield, 1935, p. 66—*R. simplicissimus* Bradfield. Pennsylvanian. Kirkbyidae.
- Rudderina* Coryell and Malkin, 1936, p. 6—*R. extensa* Coryell and Malkin. Hamilton. Ropolonellidae.
- Sacclatella* Kay, 1940a, p. 242—*Aparchites erectus* Ulrich. Decorah. ?Aparchitidae (Lepeditellidae).
- Sargentina* Coryell and Johnson, 1939, p. 223—*S. allani* Coryell and Johnson. Chester. Cytherellidae.
- Scaberina* Bradfield, 1935, p. 67—*S. nodomarginata* Bradfield. Pennsylvanian. Kirkbyidae.
- Spinovina* Coryell and Malkin, 1936, p. 17—*S. distributa* Coryell and Malkin. Hamilton. Cytherellidae.
- **Steusloffia* Teichert, 1937b, p. 120—*S. ulrichi* Teichert. Middle Ordovician. ?Beecherellidae (Bairdiidae).
- Stibus* Swartz and Swain, 1941, p. 436—*S. kothornostibus* Swartz and Swain. Onondaga. Thlipsuridae.
- Streputites* Coryell and Malkin, 1936, p. 5—*S. mocki* Coryell and Malkin. Hamilton. Thlipsuridae.
- Suchonella* Spizharsky, 1937, p. 159—*S. typica* Spizharsky. Permian. *Incertae Sedis*.
- Suchonellina* Spizharsky, 1937, p. 156—Permian. *Incertae Sedis*.
- The two foregoing genera were described in 1937 by Spizharsky, not as new, but with his name following them, implying their previous description in another publication not listed in the bibliography. No genotype was named for *Suchonellina* in the 1937 publication.
- Tallinnella* Öpik, 1937, p. 88—*T. dimorpha* Öpik. Ordovician. Tetradellidae (Beyrichiidae).
- Tetrasacculus* Stewart, 1936, p. 744—*T. bilobus* Stewart. Middle Devonian. Primitiidae.
- Tetratylus* Cooper, 1941, p. 34—*T. ellipticus* Cooper. Chester. Bairdiidae.
- Thlipsurina* Bassler, 1941, p. 26—*T. elongata* Bassler. Onondaga. Thlipsuridae.
- Thomasatia* Kay, 1934, p. 337—*T. falcicosta* Kay. Ordovician. Tetradellidae (Beyrichiidae).
- Tomiella* Spizharsky, 1937, p. 146—*T. yavorskii* Spizharsky. Permian. *Incertae Sedis*.
- Triceratina* Upson, 1933, p. 29 (= *Monoceratina* Roth, by Bassler and Kellett, 1934) re-established, by Cooper, 1941, p. 23.
- **Tricornina* Bouček, 1936, p. 50—*T. navicula* Bouček. Silurian. ?Acronotellidae (Primitiidae).
- Tubulibairdia* Swartz, 1936, p. 581—*T. tubulifera* Swartz. Lower Devonian. Bairdiidae.
- Uhakiella* Öpik, 1937, p. 106—*U. coelodesma* Öpik. Ordovician. Beyrichiidae.
- **Ulrichella* Bouček, 1936, p. 73—*U. remesi* Bouček. Silurian. Beecherellidae.
- Venula* Cooper, 1941, p. 44—*Primitiopsis? striatus* Croneis and Funkhouser. Chester. Glyptopleuridae.
- Verrucosella* Croneis and Gale, 1938, p. 275—*V. golcondensis* Croneis and Gale = *Cornigella* Warthin, by Cooper, 1941, p. 39.
- **Vltavina* Bouček, 1936, p. 47—*V. bohemia* Bouček. Silurian. Acronotellidae. (Primitiidae-Eurychiliniinae).
- Waldronites* Coryell⁴ and Williamson, 1942, new name for *Cornulina* Coryell and Williamson (not Conrad)—*Cornulina bispinosa* Coryell and Williamson. Niagaran. Aechminidae (Primitiidae).
- Warthinia* Spivey, 1939, p. 167—*Primitia nodosa* Ulrich. Maquoketa. ?Beyrichiidae (?Drepanellidae).
- Whipplella* Holland, 1934, p. 343—*W. cuneiformis* Holland. Dunkard. Primitiidae (Aparchitidae by Holland).

⁴ Personal communication.

- Winchellatia** Kay, 1940a, p. 253—*W. longispina* Kay. Decorah. Primitiidae.
Workmanella Croneis and Gale, 1938, p. 277—*W. distincta* Croneis and Gale = *Tetrasacculus* Stewart, by Cooper, 1941, p. 63.
Zygobolboides Spivey, 1939, p. 169—*Z. grafensis* Spivey. Maquoketa. Zygobolbidae.

REFERENCES

- BASSLER, R. S., 1941, Ostracoda from the Devonian (Onondaga) chert of west Tennessee; *Washington Acad. Sci. Jour.*, vol. 31, no. 1, pp. 21-27, 37 figs.
 BONNEMA, J. H., 1934, Über die Aufstellung der Schalen der paläozoischen Ostracoden; *Zeitschr. für Geschiebeforschung*, Bd. 10, H. 2, pp. 80-88.
 —, 1938, Zum Aufstellung der Schalen der paläozoischen Ostrakoden und die Brutkammer der weiblichen von *Primitiopsis oblonga* J & H; *Natuurh. Maandblad* Jg. 27, no. 10, pp. 104-107, 19 figs.
 BOUČEK, B., 1936, Die Ostracoden des böhmischen Ludlows; *Neues Jahrb., Beil. Bd. 76*, Abt. B, pp. 31-98, pls. 2-6.
 —, 1937, Über Einige Ostrakoden aus der Stufe e_{α} des böhmischen Silurs; *Soc. Roy Boheme Mem.* for 1936, no. 2, 11 pp., 5 figs.
 BRADFELD, H. H., 1935, Pennsylvanian Ostracoda of the Ardmore basin, Oklahoma; *Bull. Am. Paleontology*, vol. 22, no. 73, 145 pp., 13 pls.
 BRANSON, CARL C., 1935, The Sacajawea formation of Wyoming; *Jour. Paleontology*, vol. 11, p. 659. (No figures.)
 CHERDYNTSEV, V. A., 1937, Materials on the microfauna of the Kasanian layers in the Permian system; *Kasan Univ. Sci. Mem.*, T. 97, Kn. 3-4, Geol. No. 8-9, pp. 303-312, 1 pl.
 COOPER, CHALMER L., 1941, Chester ostracodes of Illinois; *Illinois State Geol. Survey Rept Invest.* 77, 101 pp., 14 pls.
 —, 1942, *Platycheilella*, new name for *Platycheilus* Cooper; *Jour. Paleontology*, vol. 16, p. 777.
 CORYELL, H. N., and CUSKLEY, VIRGINIA A., 1934, Some new ostracodes from the "White Mound" section of the Haragan shale, Murray Co., Oklahoma; *Am. Mus. Novitates*, no. 748, 12 pp., 2 pls.
 —, and JOHNSON, SAMUEL C., 1939, Ostracoda of the Clore limestone; *Jour. Paleontology*, vol. 13, pp. 214-224, pls. 25-26.
 —, and MALKIN, DORIS S., 1936, Some Hamilton ostracodes from Arkona, Ontario; *Am. Mus. Novitates*, no. 891, 20 pp., 2 pls.
 —, and ROZANSKI, GEORGE, 1942, Microfauna of the Glen Dean limestone; *Jour. Paleontology*, vol. 16, pp. 137-151, pls. 23-24.
 —, and SCHENCK, HUBERT G., 1941, Type of the Ordovician ostracode Genus *Leperditella*; *Jour. Paleontology*, vol. 15, pp. 176-177, fig. 1.
 —, and SOHN, I. G., 1938, Ostracoda from the Mauch Chunk, Mississippian, of West Virginia; *Jour. Paleontology*, vol. 12, pp. 596-603, pl. 69.
 —, and WILLIAMSON, MARJORIE, 1936, A study of the Ostracoda fauna of the Waldron shale, Flat Rock Creek, St. Paul, Indiana; *Am. Mus. Novitates*, no. 870, 7 pp., 15 figs.
 CRONEIS, CAREY, 1939, Taxonomy of Chester ostracodes; *Denison Univ. Sci. Lab. Bull.*, vol. 34, pp. 28-31.
 —, 1942, *Denisonella*, new name for *Denisonia* Croneis and Bristol (not Krefft); *Jour. Paleontology*, vol. 16, p. 777.
 —, and BRISTOL, HUBERT M., 1939, New ostracodes from the Menard formation; *Denison Univ. Sci. Lab. Bull.*, vol. 34, pp. 65-102, pls. 3-4.
 —, and FUNKHOUSER, HAROLD J., 1938, New ostracodes from the Clore formation; *Denison Univ. Sci. Lab. Bull.*, vol. 33, pp. 331-360, pls. 9-10.
 —, and GALE, ARTHUR S., JR., 1938, New ostracodes from the Golconda formation; *Denison Univ. Sci. Lab. Bull.*, vol. 33, pp. 251-295, pls. 5-6.
 —, and GUTKE, RALPH L., 1939, New ostracodes from the Renault formation; *Denison Univ. Sci. Lab. Bull.*, vol. 34, pp. 33-63, pls. 1-2.
 —, and THURMAN, FRANKLIN A., 1938, New ostracodes from the Kinkaid formation; *Denison Univ. Sci. Lab. Bull.*, vol. 33, pp. 297-330, pls. 7-8.
 CULLISON, JAMES S., 1938, Dutchtown Fauna of Southeastern Missouri; *Jour. Paleontology*, vol. 12, pp. 225-226, pl. 29, figs. 10-12.
 FRITZ, MADELEINE A., 1939, Devonian fossil zones in wells from southwestern Ontario; *Geol. Soc. America Bull.*, vol. 50, no. 1, pp. 79-88. (No figures)
 —, 1940, *Aparchites canadensis*, a new Devonian ostracode from the Onondaga of Ontario; *Jour. Paleontology*, vol. 14, pp. 77-78, pl. 12, figs. 1-3.
 GLEBOVSKAYA, E. M., 1936a, Silurian ostracodes from the northwestern shores of Novaya Zemlya, Russia; *Arctic Inst.*, Tr. v. 58, pp. 33-42, 1 pl.
 —, 1936b, Silurische Ostracoden von USSR; *Akad. Wiss. USSR. Paläozool. Inst., Paläont. USSR. Bd. 2*, T. 1, 96 pp., 26 figs., 8 pls.
 —, 1938, Ostracodes from the Permo-Carboniferous oil-bearing deposits of the Ishimbaev district, Russia; *Petr. Geol.-Prosp. Inst.*, Tr., s. A, no. 101, pp. 177-184, 1 pl.
 —, 1939, Upper Paleozoic Ostracoda from the north Urals; *Petr. Geol.-Prosp. Inst.*, Tr., s. A, no. 115, pp. 165-176, 2 pls.
 GOLDRING, WINIFRED, 1935, Geology of the Berne Quadrangle; *New York State Mus. Bull.* 303, figs. on pp. 80, 91.
 GRECO, B., 1935, La fauna permiana del Sosio conservata nei Musei di Pisa, di Firenze de di Padova; Parte Prima, Introduzione; Considerazioni geopaleontologiche; Tunicata?, Crustacea, Cephalopoda; *Paleont. Italica*, vol. 35, pp. 101-190, 4 pls.
 GRUBBS, DAVID M., 1939, Fauna of the Nigaran nodules of the Chicago area; *Jour. Paleontology*, vol. 13, pp. 559-560, pl. 62, figs. 35-39.

- HARPER, J. C., 1940, The Upper Valentian (Silurian) ostracod fauna of Shropshire (England): *Annals Mag. Nat. History* (11), vol. 5, no. 28, pp. 385-400, 1 fig., pls. 9-10.
- HARRIS, R. W., and WORREL, FRANK, 1936, A fossiliferous horizon from the lower Permian of Caddo Co., Oklahoma: *Jour. Paleontology*, vol. 10, pp. 518-519, 7 figs.
- HOLLAND, W. C., 1934, Ostracodes of the Nineveh limestone of Pennsylvania and West Virginia: *Ann. Carnegie Mus.*, vol. 22, pp. 343-350, pl. 25.
- JOHNSON, W. R., 1936, The Ostracoda of the Missouri series in Nebraska: *Nebraska Geol. Survey*, Pap. 11, 52 pp., 5 pls.
- KAY, G. MARSHALL, 1934, Mohawkian Ostracoda; species common to Trenton faunules from the Hull and Decorah formations: *Jour. Paleontology*, vol. 8, pp. 328-343, pls. 44-46.
- , 1940a, Ordovician Mohawkian Ostracoda; Lower Trenton Decorah fauna: *Jour. Paleontology*, vol. 14, pp. 234-269, pls. 29-34.
- , 1940b, Decorah Ostracoda, correction: *Jour. Paleontology*, vol. 14, p. 615. (No figures)
- , 1942, *Dilobella wisconsinensis* Kay, for *D. simplex* Kay: *Jour. Paleontology*, vol. 16, p. 273.
- KELLETT, BETTY, 1934, Ostracodes from the Upper Pennsylvanian and Lower Permian strata of Kansas; 2. The genus *Bairdia*: *Jour. Paleontology*, vol. 8, pp. 120-138, pls. 14-19.
- , 1935, Ostracodes of the Upper Pennsylvanian and lower Permian strata of Kansas; 3. Bairdiidae (concl.), Cytherellidae, Cyprididae, Entomoconchidae, Cytheridae, and Cypridae: *Jour. Paleontology*, vol. 9, pp. 132-166, pls. 16-18.
- , 1936, Carboniferous ostracodes: *Jour. Paleontology*, vol. 10, pp. 769-784. (No figures)
- KUMMEROW, E., 1934, Nochmals: Die Orientierung der paläozoischen Ostracodenschalen: *Centralbl. Mineralogie Abt. B*, no. 11, pp. 502-505.
- , 1937, Die Bruteinrichtungen paläozoischer Ostracoden, sowie über *Receptaculites* und einige ordovizische Kalkalgen der Gattung *Apidium*: *Preuss. Geol. Landesanstalt Jahrb.* 1936, Bd. 57, H. 1, pp. 465-474, 1 fig., 1 pl.
- LALICKER, CECIL G., 1935, *Cavellina nebrascensis* (Geinitz): *Jour. Paleontology*, vol. 9, pp. 744-745, 7 figs.
- LATHAM, MARY H., 1936, Carboniferous Ostracoda from Inchkeith in: L. M. Davies, Geology of Inchkeith: *Royal Soc. Edinburgh Trans.*, vol. 58, pp. 783-785. (No figures)
- McFARLAN, ARTHUR C., and FREEMAN, LOUISE B., 1935, Rogers Gap and Fulton Formations in central Kentucky: *Geol. Soc. America Bull.*, vol. 46, p. 2004, pl. 184, figs. 17-23.
- MAILLIEUX, E., 1936, La faune des schistes de Matagne (frasnien supérieur): *Mus. Roy. Hist. Nat. Belgique, Mem.* no. 77, 75 pp., 2 figs., 1 pl.
- MAUZ, J. 1933, Zur Fauna der Unterkoblenzstufe: *Senckenberg. naturf. Gesell. Bd.* 15, no. 3-4, pp. 274-294, 24 figs.
- MOORE, R. C., WELLER, J. M., and KNIGHT, J. B. 1942, Erroneous emendation of generic names: *Jour. Paleontology*, vol. 16, pp. 256-257.
- MOREY, P. S., 1935a, Ostracoda from the basal Mississippian sandstone in central Missouri: *Jour. Paleontology*, vol. 9, pp. 316-326, pl. 28.
- , 1935b, Ostracoda from the Amsden formation of Wyoming: *Jour. Paleontology*, vol. 9, pp. 474-482, pl. 54.
- , 1936, Ostracoda from the Chouteau formation of Missouri: *Jour. Paleontology*, vol. 10, pp. 114-122, pl. 17.
- ÖPIK, A., 1935a, Ostracoda from the Lower Ordovician *Megalaspis*-limestone of Estonia and Russia: *Tartu Ülikool Geologia Instituut, Toimetused*, no. 44, 12 pp., 1 pl.
- , 1935b, Ostracoda from the Old Red Sandstone at Tartu, Estonia: *Tartu Ülikool Geologia Instituut, Toimetused*, no. 45, 8 pp., 1 pl.
- , 1937, Ostracoda from the Ordovician Uhaku and Kukruse formations of Estonia: *Nat. Soc. Tartu Univ. Ann.*, vol. 43, pp. 65-123, pls. 1-15.
- , 1939, Brachipoden und Ostrakoden aus dem Expansus-schiefer (Ordovician) Norwegens: *Norsk Geol. Tidssk. Bd.* 19, h. 2-3, pp. 117-142, 3 figs., 6 pls.
- PAYNE, KENNETH ARMSTRONG, 1937, Pennsylvanian Ostracoda from Sullivan Co., Indiana: *Jour. Paleontology*, vol. 11, pp. 276-288, pls. 38-40.
- POULSEN, C., 1937, On the Lower Ordovician Faunas of eastern Greenland: *Meddelelser om Grønland*, vol. 119, no. 3, pp. 59-61, figs. 16-17.
- REIN, E. F., 1936, Paleozoic ostracodes from the northeastern shores of Novaya Zemlya, Russia: *Arctic Inst. Tr.* vol. 58, pp. 45-88, 41 figs. 2 pls.
- ROY, SHARAT KUMAR, 1941, The Upper Ordovician Fauna of Frobisher Bay, Baffin Land: *Geol. Mem. Field Mus. Nat. History*, vol. 2, pp. 169-176, figs. 136-146.
- SHROCK, R. R., and RAASCH, G. O., 1937, Paleontology of the disturbed Ordovician Rocks near Kentland, Indiana: *Am. Midland Naturalist*, vol. 18, pp. 581-583. (No figures)
- SCOTT, HAROLD W., 1942, Ostracodes from the Upper Mississippian of Montana: *Jour. Paleontology*, vol. 16, pp. 152-163, pls. 25-26.
- , and BORGER, HARVEY D., 1941, Pennsylvanian ostracodes from Lawrence Co., Illinois: *Jour. Paleontology*, vol. 15, pp. 354-358, pls. 49-50.
- SHVEIER, A. V., 1940, Zur Systematik und Klassifikation der fossilen Ostracoden: *Acad. Sci. USSR, C. R. (Dokl.)* vol. 29, no. 2, pp. 172-176, 3 figs.
- SOHN, I. G., 1940, Check List of Mississippian Ostracoda of North America: *Jour. Paleontology*, vol. 14, pp. 154-160. (No figures)
- SOLLE, G., 1935, Die devonischen Ostracoden Spitzbergens. I Leperditidae: *Skr. Svalb. Ishavet*, no. 64.
- , 1936, Neu-Benennung von *Holtedahlna* Solle 1935: *Senckenbergiana*, vol. 18, p. 282.
- SPIZHARSKY, T. N., 1937, Ostracoda from the Kolchugino series (Carboniferous) of the coal-

- bearing strata of the Kuznetsk basin, Russia: *Centr. Geol. and Prosp. Inst., U. S. S. R., Tr. f.* 97, pp. 139-171, 2 figs., 1 pl.
- SPIVEY, R. C., 1939, Ostracodes from the Maquoketa shale, Upper Ordovician, of Iowa: *Jour. Paleontology*, vol. 13, pp. 163-175, pl. 21.
- STEWART, GRACE A., 1936, Ostracodes of the Silica shale, Middle Devonian, of Ohio: *Jour. Paleontology*, vol. 10, pp. 739-763, pls. 100-102.
- , 1937, *Aechmina crenulata*, new name for *A. serrata* Stewart (not Coryell and Cuskley): *Jour. Paleontology*, vol. 11, p. 368.
- SWARTZ, FRANK MCKIM, 1936, Revision of the Primitiidae and Beyrichiidae with new Ostracoda from the Lower Devonian of Pennsylvania: *Jour. Paleontology*, vol. 10, pp. 541-586, pls. 78-89.
- , and SWAIN, FREDERICK M., 1941, Ostracodes of the Middle Devonian Onondaga beds of Central Pennsylvania: *Geol. Soc. Am. Bull.*, vol. 52, pp. 381-458, pls. 1-8.
- , 1942, *Eustephanella*, new name for *Eustephanus* Swartz and Swain, 1941: *Jour. Paleontology*, vol. 16, p. 674.
- TEICHERT, CURT, 1937a, A new Ordovician fauna from Washington Land, North Greenland: *Meddelelser om Grønland*, vol. 119, no. 1, pp. 43-62, pls. 4-6.
- , 1937b, Ordovician and Silurian faunas from Arctic America: *5th Thule Exped. Rept.*, vol. 1, no. 5, pp. 105-120, 150-155, pls. 22-24.
- , 1939, New names for Ostracode homonyms: *Jour. Paleontology*, vol. 13, p. 622.
- THORSLUND, P., 1940, On the Chasmops series of Jemtland and Södermanland (Tvärön): *Sweden, Sveriges Geologiska Undersökning.*, s. C, no. 436 (Årsbok 34, no. 6), pp. 161-182, figs. 57-58, pls. 1-5.
- TOLMACHOFF, I. P., 1937, *Cooperatia*, new name for *Cooperia* Tolmachoff, not Ransom: *Jour. Paleontology*, vol. 11, p. 78.
- TURNER, MARY C., 1939, Middle Devonian Ostracoda from oil wells in southwestern Ontario: *Bulls. Am. Paleontology*, vol. 25, no. 88, pp. 1-32, 1 pl.
- TWENHOFEL, W. H., 1937, Ostracoda in: *Geology and Paleontology of the Mingan Islands, Quebec: Geol. Soc. America Spec. Paper* 11, pp. 65-67, 3 figs.
- VOLK, M., 1939, Das Oberdevon am Schwarzbürger Sattel zwischen Südrandspalte und Kamm des Thüringer Waldes: *Phys.-med. Soz. Erlangen, Sber.* Bd. 70, pp. 147-278, 5 figs., 3 pls.
- WARTHIN, A. S., JR., 1937, Type invertebrate fossils of North America: Devonian Beyrichiacea: *Wagner Free Inst. Sci.*, cards 1-105.
- WEBER, H., 1934, Die Eignung der Ostrakoden zu Stratigraphischen Zwecken: *Deutsche geol. Gesell. Zeitschr.* Bd. 86, H. 8, pp. 478-481.
- WILSON, CHARLES W., JR., 1933, Fauna of the McAlester shale, Pennsylvanian, of Muskogee Co., Oklahoma: *Jour. Paleontology*, vol. 7, pp. 412-422, pl. 50, figs. 1-9.
- , 1935, The ostracode fauna of the Birdsong shale, Helderberg, of western Tennessee: *Jour. Paleontology*, vol. 9, pp. 629-646, pls. 77-78.



